

Vak: Predictive Modelling and Machine Learning

credits: 4

Vakcode	ITVB18DSC3	Werkvormen	Hoorcollege
Naam	Predictive Modelling and Machine Learning		Opdracht
Studiejaar	2019-2020	Toetsen	Predictive Modelling & Machine Learning -
ECTS credits	4		Overige toetsing
Taal	Engels		
Coördinator	T.B. Dijkhuis		

Leeruitkomsten

The student is able to apply data preparation techniques to a set of data using Python

The student can visualize data in a meaningful way

The student can identify important features in a dataset

The student is able to model appropriate machine learning algorithms for different datasets using standard libraries in Python

The student can evaluate a machine learning model using appropriate evaluation metrics

Inhoud

In this course the student will gain theoretical knowledge on predictive modelling and machine learning, and practical skills on doing predictive modelling in Python using Jupyter notebooks. The student will learn to do data preparation and visualization, data modelling using machine learning techniques and model evaluation.

Opgenomen in opleiding(en)

HBO-ICT, Major BITM

School(s)

Instituut voor Communicatie, Media & IT

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